

## Washtenaw Community College Comprehensive Report

### UAT 162 Occupational Safety and Health (UA 2150) Effective Term: Fall 2020

#### Course Cover

**Division:** Advanced Technologies and Public Service Careers

**Department:** United Association Department

**Discipline:** United Association Training

**Course Number:** 162

**Org Number:** 28200

**Full Course Title:** Occupational Safety and Health (UA 2150)

**Transcript Title:** Occupat Safety & Health (2150)

**Is Consultation with other department(s) required:** No

**Publish in the Following:** College Catalog , Web Page

**Reason for Submission:** Course Change

**Change Information:**

**Consultation with all departments affected by this course is required.**

**Course description**

**Credit hours**

**Total Contact Hours**

**Outcomes/Assessment**

**Objectives/Evaluation**

**Rationale:** Update United Association course

**Proposed Start Semester:** Fall 2020

**Course Description:** In this course, students will identify the Occupational Safety and Health Administration (OSHA) 510 Standards and locate resources to supplement safety programs at their local Training Center. Topics include the application of the OSHA Construction Standards for safety and health with an emphasis on construction hazards. Students will define construction terms, identify hazards which occur in the construction industry, as well as determine appropriate OSHA policies and procedures in a classroom and hands-on environment. This course contains material previously taught in UAT 140. Limited to United Association program participants.

#### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor: 45 Student: 45**

**The following Lab fields are not divisible by 15: Student Min, Instructor Min**

**Lab: Instructor: 3 Student: 3**

**Clinical: Instructor: 0 Student: 0**

**Total Contact Hours: Instructor: 48 Student: 48**

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

**Audit**

**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

#### College-Level Reading and Writing

College-level Reading & Writing

## **College-Level Math**

### **Requisites**

#### **General Education**

##### **Degree Attributes**

Below College Level Pre-Reqs

#### **Request Course Transfer**

##### **Proposed For:**

#### **Student Learning Outcomes**

1. Identify and define terms, mission, organization and codification of OSHA policies and standards.

##### **Assessment 1**

Assessment Tool: Outcome-related written exam questions

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: U.A. instructors

2. Identify and define programs and requirements in OSHA 29 CFR 1926 standards that protect construction workers from illnesses, injuries, physical danger and health hazards.

##### **Assessment 1**

Assessment Tool: Outcome-related written exam questions

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: U.A. instructors

#### **Course Objectives**

1. Explain the requirements and functions of OSHA in safety and health in the construction industry.
2. Complete different record-keeping documents for audit.
3. Review the procedure and penalties for non-compliance with OSHA regulations.
4. Discuss the organization and history of OSHA 29 CFR 1926.
5. Locate and navigate OSHA 29 CFR 1926 subparts by sections.
6. Discuss the following terminology as applied to OSHA standards: should, may, shall and will.
7. Discuss major sections of Occupational Safety and Health Act of 1970.
8. Explain the function and legal jurisdiction of OSHA.
9. Describe employer and worker rights and responsibilities.
10. Identify subparts within the Title 29 Labor of OSHA standards.
11. Identify the tasks of general industry standards to which construction standards apply.
12. Discuss the purpose, location, and importance of a regulation's preamble and how it applies to policy.
13. Discuss requirements under OSHA CFR 1926.20 and 1926.21 (General safety, health, education, and training.)
14. Describe elements of effective safety programs to use at the local Training Center.

15. Identify and discuss specific requirements for OSHA 29 CFR 1926 subparts C, D, E, F, G, I, J, M, and Z, for safety in the workplace.
16. Locate and navigate online resources for safety activities than can be used at the local Training Center.

## New Resources for Course

### Course Textbooks/Resources

Textbooks

Manuals

OSHA. Certified Federal Register 1926, OSHA, 09-14-2020

Periodicals

Software

### Equipment/Facilities

| <u>Reviewer</u>   | <u>Action</u>             | <u>Date</u>         |
|---|---------------------------|---------------------|
| <b>Faculty Preparer:</b><br><i>Tony Esposito</i>                | <i>Faculty Preparer</i>   | <i>Jun 02, 2020</i> |
| <b>Department Chair/Area Director:</b><br><i>Marilyn Donham</i> | <i>Recommend Approval</i> | <i>Jun 05, 2020</i> |
| <b>Dean:</b><br><i>Jimmie Baber</i>                             | <i>Recommend Approval</i> | <i>Jun 10, 2020</i> |
| <b>Curriculum Committee Chair:</b><br><i>Lisa Veasey</i>        | <i>Recommend Approval</i> | <i>Oct 26, 2020</i> |
| <b>Assessment Committee Chair:</b><br><i>Shawn Deron</i>        | <i>Recommend Approval</i> | <i>Oct 27, 2020</i> |
| <b>Vice President for Instruction:</b><br><i>Kimberly Hurns</i> | <i>Approve</i>            | <i>Oct 27, 2020</i> |

## Washtenaw Community College Comprehensive Report

### UAT 140 Occupational Safety and Health (UA 2150) Effective Term: Spring/Summer 2018

#### Course Cover

**Division:** Advanced Technologies and Public Service Careers  
**Department:** United Association Department  
**Discipline:** United Association Training  
**Course Number:** 140  
**Org Number:** 28200  
**Full Course Title:** Occupational Safety and Health (UA 2150)  
**Transcript Title:** Occupat Safety & Health (2150)  
**Is Consultation with other department(s) required:** No  
**Publish in the Following:** College Catalog , Web Page  
**Reason for Submission:** New Course  
**Change Information:**  
**Rationale:** New U.A. Course  
**Proposed Start Semester:** Spring/Summer 2018  
**Course Description:** In this course, students will learn the safety and health principles and OSHA policies, procedures and standards as they apply to the construction industry. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Limited to United Association program participants.

#### Course Credit Hours

**Variable hours:** No  
**Credits:** 1.5  
**The following Lecture Hour fields are not divisible by 15: Student Min ,Instructor Min**  
**Lecture Hours: Instructor: 22.5 Student: 22.5**  
**The following Lab fields are not divisible by 15: Student Min, Instructor Min**  
**Lab: Instructor: 1.5 Student: 1.5**  
**Clinical: Instructor: 0 Student: 0**  
  
**Total Contact Hours: Instructor: 24 Student: 24**  
**Repeatable for Credit:** NO  
**Grading Methods:** Letter Grades  
Audit  
**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

#### College-Level Reading and Writing

College-level Reading & Writing

#### College-Level Math

#### Requisites

#### General Education

**Degree Attributes**  
Below College Level Pre-Reqs

**Request Course Transfer****Proposed For:****Student Learning Outcomes**

1. Demonstrate how to use the Certified Federal Register 1926.

**Assessment 1**

Assessment Tool: Written exam

Assessment Date: Spring/Summer 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 90% of students will score 100%

Who will score and analyze the data: U.A. training coordinator

2. Demonstrate compliance with OSHA record keeping requirements.

**Assessment 1**

Assessment Tool: Skills demonstration

Assessment Date: Spring/Summer 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Skills demonstration checklist

Standard of success to be used for this assessment: 90% of the students will score 100%

Who will score and analyze the data: U.A. training coordinator

**Course Objectives**

1. Explain the requirements and functions of OSHA in safety and health in the construction industry.
2. Review the necessity of construction safety from past practice to present.
3. Identify the sub-parts of the Certified Federal Register 1926 and its reference to construction safety.
4. Demonstrate how to complete different record keeping documents for audit.
5. Incorporate the regulations in the Certified Federal Register 1926 into lessons plans for use at student's training facility.
6. Review the procedure and penalties for non-compliance of the OSHA regulations.

**New Resources for Course****Course Textbooks/Resources**

Textbooks

Manuals

OSHA . Certified Federal Register 1926, OSHA, 09-14-2014

Periodicals

Software

**Equipment/Facilities****Reviewer****Action****Date****Faculty Preparer:**

*Tony Esposito*

*Faculty Preparer*

*Dec 20, 2017*

**Department Chair/Area Director:**

*Marilyn Donham*

*Recommend Approval*

*Jan 03, 2018*

**Dean:**

|  |                           |                     |
|--|---------------------------|---------------------|
| <i>Brandon Tucker</i>                  | <i>Recommend Approval</i> | <i>Jan 08, 2018</i> |
| <b>Curriculum Committee Chair:</b>     |                           |                     |
| <i>David Wooten</i>                    | <i>Recommend Approval</i> | <i>Apr 16, 2018</i> |
| <b>Assessment Committee Chair:</b>     |                           |                     |
| <i>Michelle Garey</i>                  | <i>Recommend Approval</i> | <i>Mar 28, 2018</i> |
| <b>Vice President for Instruction:</b> |                           |                     |
| <i>Kimberly Hurns</i>                  | <i>Approve</i>            | <i>Apr 19, 2018</i> |